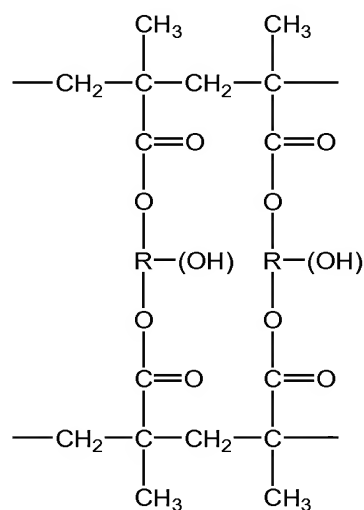


### Amendments to the Specification

On page 15, at line 8, before the subsection heading “*Binding Materials Identification*,” please insert the following new paragraphs:

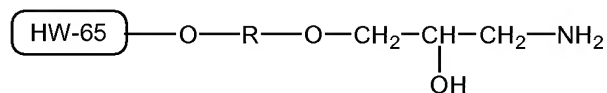
FRACTOGEL™ EMD is a porous, beaded methacrylate resin material derivatized with hydrophilic linear polymer chains (“tentacles”) that carry functional ligands. All tentacles are covalently attached to hydroxyl groups of the backbone structure.

TOYOPEARL™ and TSK-GEL™ polymer matrixes are in the form of porous, beaded methacrylate resin material derivatized with hydroxylic functionalities, and have the structure:



, where R is a hydroxylated aliphatic group.

TOYOPEARL™ AMINO 650 is a porous beaded methacrylate resin material derivatized with hydrophilic spacer chains terminating in a primary amino group, having the following chemical structure:



where HW-65 is the bead comprising a mean particle size of 65 μm and a mean pore size of 1000Å, and the approximate ligand density is 100 μmol/mL.